

INFORMATION DISCLOSURE CITATION

Attorney Docket No.: GC381-US	Serial No.: 09.462.846	RECEIVED JUN 24 2002 TECH CENTER 1600-2900
Applicant: David A. Estel	Group: 1652	
Filing Date: January 13, 2000	Date of this Submission: June 14, 2002	
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US PATENT DOCUMENTS

Examiner's	Document				Sub-	Filing
Initial	Number	Date	Name	Class	Class	Date
DJS	4,816,567 ✓	3/28/89	Cabilly et al.	500	387	4/6/83
	4,366,241 ✓	12/28/82	Tom et al.	435	7	8/7/80
	4,275,149 ✓	6/23/81	Litman et al.	435	7	11/24/78
	4,277,437 ✓	7/7/81	Maggio	422	61	12/10/79
	3,996,345 ✓	12/7/76	Ullman et al.	424	12	6/30/75
	3,939,350 ✓	2/7/76	Kronick et al.	250	365	4/29/74
	3,850,752 ✓	11/26/74	Schuurs et al.	195	103.5	10/29/71
	3,817,837 ✓	6/18/74	Rubenstein et al.	195	103.5	11/6/72
	4,533,359 ✓	8/6/85	Kondo et al.	8	128	11/5/82
	5,204,015 ✓	4/20/93	Caldwell et al.	252	174.12	10/9/92
	4,261,868 ✓	4/14/81	Hora et al.	252	529	8/9/79
	5,585,253 ✓	12/17/96	Doi et al.	435	172.3	11/27/89
	4,404,128 ✓	9/13/83	Anderson	252	546	5/29/81
	5,264,366 ✓	11/23/93	Ferrari et al.	435	252.31	11/25/91
	5,612,055 ✓	11/18/97	Bedford et al.	424	442	8/16/95
	5,147,642 ✓	9/15/92	Lotz et al.	424	94.61	12/5/89
DJS	5,314,692 ✓	5/24/94	Haarasilta et al.	424	94.2	5/2/91

FOREIGN PATENT DOCUMENTS

Examiner's	Document				Sub-	Translation
Initials	Number	Date	Country	Class	Class	Yes/No
DJS	WO 95/14099 ✓	5/26/95	PCT	—	—	
	WO 95/10615 ✓	4/20/95	PCT	—	—	
	WO 89/10976 ✓	11/16/89	PCT	—	—	
	WO 86/06623 ✓	9/7/88	PCT	—	—	
	0 369 817 B1 ✓	4/24/96	EP	—	—	
	0 134 267 B1 ✓	8/2/89	EP	—	—	
	0 344 250 ✓	5/12/93	EP	—	—	
DJS	216034 ✓	4/82	RD	—	—	

OTHER DOCUMENTS

Examiner's		
Initials	Author, Title, Date, Pertinent Pages, etc.	
	Ausubel et al., Current Protocols in Molecular Biology, John Wiley & Sons, Inc., Vol. 1, Ch. 2 and 9, 1987.	
DJS	Bakht et al., "Studies on Transfection and Transformation of Protoplasts of <i>Bacillus larvae</i> , <i>Bacillus subtilis</i> , and <i>Bacillus popilliae</i> ," Applied and Environmental Microbiology, vol. 49, no. 3, pp. 577-581, March, 1985.	
Examiner	Date Considered	
DJS	05/06/03	
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Page 1 of 3	Date of this Submission: June 14, 2002

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DJS	Benton et al., "Steering Agt Recombinant Clones by Hybridization to Single Plaques in situ," Science, vol. 196, no. 4286, pp. 180-182, April 8, 1977
DJS	Bergmeyer et al., "Pepsidases, Proteinases, and Their Inhibitors," Methods of Enzymatic Analysis, Verlag Chemic, Weinheim, vol. 5, 1984
	Berger and Kimmet, "Guide to Molecular Cloning Techniques," Methods in Enzymology, Academic Press, San Diego, CA, vol. 152, 1987
DJS	Chang et al., "High Frequency Transformation of <i>Bacillus subtilis</i> Protoplasts by Plasmid DNA," Molec. Gen. Genet., vol. 168, pp. 111-115, 1979
DJS	Contente et al., "Marker Rescue Transformation by Linear Plasmid DNA in <i>Bacillus subtilis</i> ," Plasmid, vol. 2, pp. 555-571, 1979
	Coombs, J., Dictionary of Biotechnology, Stockton Press, New York, N.Y., 1994
	Dieffenbach et al., PCR Primer, a Laboratory Manual, Cold Springs Harbor Press, Plainview, N.Y., 1995
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	Glover, D. M. ed., DNA Cloning: A Practical Approach, MRL Press, Ltd., Oxford, U.K., vol. 1, II
DJS	Grunstein et al., "Colony hybridization: A method for the isolation of cloned DNAs that contain a specific gene," Proc. Nat. Acad. Sci. USA, vol. 72, no. 10, pp. 3961-3965, October, 1975.
DJS	Haima, Peter et al., "Novel plasmid marker rescue transformation system for molecular cloning in <i>Bacillus subtilis</i> enabling direct selection of recombinants," Mol. Gen. Genet., vol. 223, pp. 185-191, 1990.
	Hampton, R. et al., Serological Methods, a Laboratory Manual, APS Press, St. Paul, MN, 1990.
	Harwood et al., Molecular Biological Methods for Bacillus, John Wiley & Sons, 1990
	Harwood et al., Biotechnology Handbooks, Bacillus, Vol. 2, Plenum Press, New York, 1989
DJS	Holubova et al., "Transfer of Liposome-Encapsulated Plasmid DNA to <i>Bacillus subtilis</i> Protoplasts and Calcium-Treated <i>Escherichia coli</i> Cells," Folia Microbiol., vol. 30, pp. 97-100, 1985.
DJS	Kroll et al., "A Multifunctional Prokaryotic Protein Expression System: Overproduction, Affinity Purification, and Selective Detection," DNA and Cell Biology, vol. 12, no. 5, pp. 441-453, 1993
DJS	Kunst, F. et al., "The complete genome sequence of the Gram-positive bacterium <i>Bacillus subtilis</i> ," Nature, vol. 390, pp. 249-264, November 20, 1997
DJS	Maddox et al., "Elevated Serum Levels in Human Pregnancy of a Molecule Immunochemically Similar to Eosinophil Granule Major Basic Protein," J. Exp. Med., vol. 158, pp. 1211-1226, October, 1983.
DJS	Mann et al., "Transformation of <i>Bacillus spp.</i> an Examination of the Transformation of <i>Bacillus</i> Protoplasts by Plasmids pUB110 and pHV33," Current Microbiology, vol. 13, pp. 191-195, 1986
DJS	Margot, Philippe et al., "The <i>wprA</i> gene of <i>Bacillus subtilis</i> 168, expressed during exponential growth, encodes a cell-wall-associated protease," Microbiology, vol. 142, pp. 3437-3444, 1996
DJS	Margot, Philippe et al., "The gene of the N-acetylglucosaminidase, a <i>Bacillus subtilis</i> 168 cell wall hydrolase not involved in vegetative cell autolysis," Mol. Microbiology, vol. 12, pp. 535-545, 1994
DJS	McDonald et al., "Plasmid Transformation of <i>Bacillus sphaericus</i> 1593," Journal of General Microbiology, vol. 130, pp. 203-208, 1984
DJS	Murray et al., "Codon usage in plant genes," Nucleic Acids Research, vol. 17, no. 2, pp. 477-498, 1989
DJS	Porath, Jerker "Immobilized Metal Ion Affinity Chromatography," Protein Expression and Purification, vol. 3, pp. 263-281, 1992
	Sambrook, J. et al., Molecular Cloning, A Laboratory Manual, 2nd ed., Cold Spring Harbor Laboratory Press, 1989
DJS	Sadaie et al., "Nucleotide sequence and analysis of the <i>phoB-rnE-groESL</i> region of the <i>Bacillus subtilis</i> chromosome," Microbiology, vol. 143, pp. 1861-1866, 1997
DJS	Smith, Michael et al., "Protoplast Transformation in Coryneform Bacteria and Introduction of an α -Amylase Gene from <i>Bacillus amyloliquefaciens</i> into <i>Brevibacterium lactofermentum</i> ," Applied and Environmental Microbiology, vol. 51, no. 3, pp. 634-639, March, 1986
DJS	Vorobjeva, I. P. et al., "Transformation of <i>Bacillus Megaterium</i> Protoplasts by Plasmid DNA," FEMS Microbiology Letters 7, pp. 261-263, 1980

Examiner	Date Considered
<i>RJS</i>	05/06/03
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PTO-1449




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